

## TAPE DRIVE AND RECORDING MEDIUM

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**Inventor:** KATO TATSUYA; IKEDA KATSUMI; TAKAYAMA YOSHIHISA  
**Applicant:** SONY CORP  
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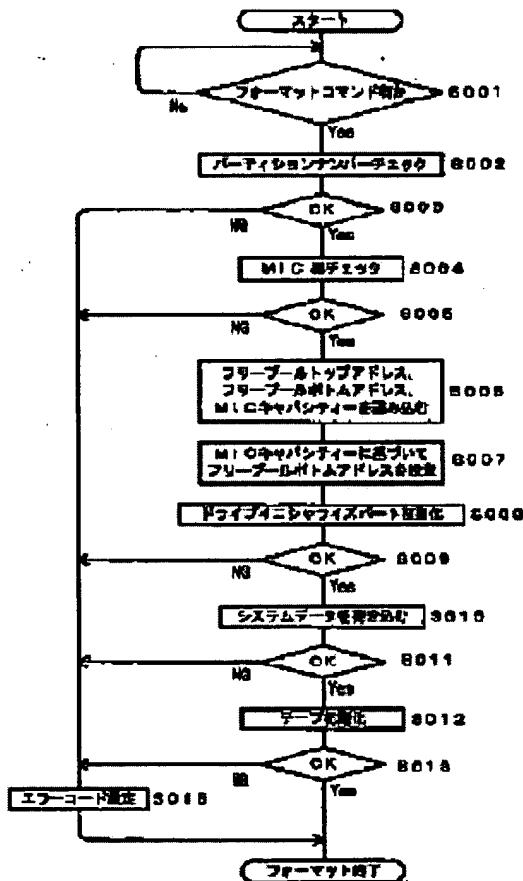
 EP0991071 (A2)  
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**Abstract of JP2000113640**

**PROBLEM TO BE SOLVED:** To detect the memory capacity of an MIC(memory in cassette) easily.

**SOLUTION:** Upon provision of a format command, a designated partition number (number of partitions to be formed) is checked (S002). If a decision is made that a partition can be formed with the memory capacity of an MIC equipped in a tape cassette as a result of check (S003), the MIC is checked again (S004) and free pool top address and bottom address are set based on the memory capacity information of the MIC stored in an MIC capacity (S007).

Furthermore, the drive initialize part of an MIC header is initialized (S008), a system data required for the MIC is initialized (S010), and a magnetic is initialized (S012).



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